

THE ULTIMATE BACKUP / UTILITY CARTRIDGE GOES ONE BETTER

ACTION REPLAY MK V

PROFESSIONAL



FOR CBM64/128
HAS ARRIVED

\$64.99

EVEN MORE POWERFUL, MORE FRIENDLY & NOW EVEN MORE FEATURES!

ALL FEATURES AVAILABLE TO TAPE OR DISK USERS.

ACTION REPLAY Mk V differs from all other cartridges because it combines an 8K RAM with a FULL 32K operating system ROM. That means that ALL features are INSTANTLY AVAILABLE AT ALL TIMES.

WARNING! Other systems use outdated technology which severely limits performance. Action Replay's state of the art hardware gives you MORE POWER, MORE SPEED, MORE FACILITIES than any other cartridge. There really is no comparison. Here are just some of the features...

Action Replay Mk V has 2 unique Turbo Loaders - "Ramloader" & "Warp 25". Both work at up to 25 times normal speed! freeze any game & print out the screen.

save any HiRes multi colour screen to disk at the push of a button. full range of controls with 64K operation.

even transfers multistage programs from tape to disk. modify the text screen on a frozen ultra efficient program compaction techniques. load 200 blocks in just SIX SECONDS.

you don't need a disk drive to use Action Replay. full range all at the press of a button. full range of controls

with onboard custom LSI LOGIC PROCESSING CHIP.

monitor available at all times with full range of commands.

GRAPHICS SUPPORT UTILITIES DISK

SLIDE SHOW. View your favourite screens in a slide show type display.

BLOW UP. A unique utility to allow you to take any part of your picture & blow it up to full screen size.

SPRITE EDITOR. A complete sprite editor helps you to create or edit sprites.

MESSAGE MAKER. Takes your favourite screen - created with a graphics package or captured with Action Replay & turns it into a scrolling screen message complete with music.

ONLY £12.99

PERFORMANCE PROMISE

Action Replay will backup any program that any other cartridge can backup - & more! It also has an unmatched range of onboard features. When you buy Action Replay, if you don't find our claims to be true, then return it within 14 days for a full refund.

UPGRADE INFORMATION

Mk IV Professional to Mk V Professional - just send £9.99 & we will send you a new Mk V Operating System Chip for you to just plug in! Mk IV (Standard) to Mk V Professional - send your old cartridge plus £15.99 & we will upgrade it (allow 14 days).

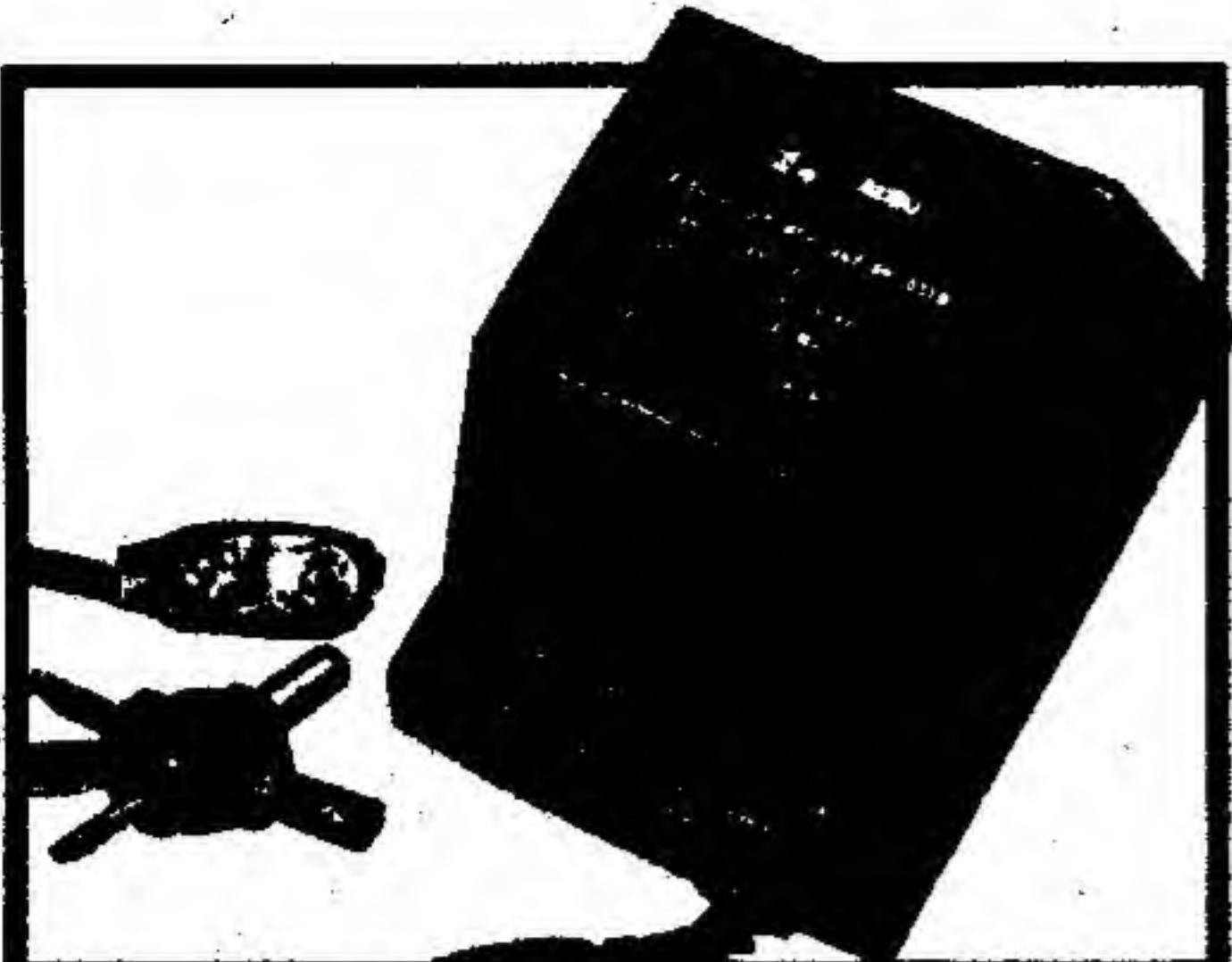
ACTION REPLAY ENHANCEMENT DISK

The biggest & best collection of special parameters & file copy programs for transferring non-standard multi-load tapes to disk. Almost all major titles covered. Just about every major multi-load title can be transferred fully to disk, cheats for infinite time, lives, etc.

The GRAPHIC SLIDESHOW - latest edition displays multicolour pictures or loading screens saved by Action Replay or any major Art Package. Lots of fun!

ONLY £8.50

Upgrades - send £3.50 plus old disk.



PLUG-IN MAINS ADAPTOR

- 6/7.5/9/12Vdc output regulated power supply.
- 300mA current.
- Polarity reversing socket.
- Plugs directly into standard 13A socket.
- Internal thermal fuse for overload protection.

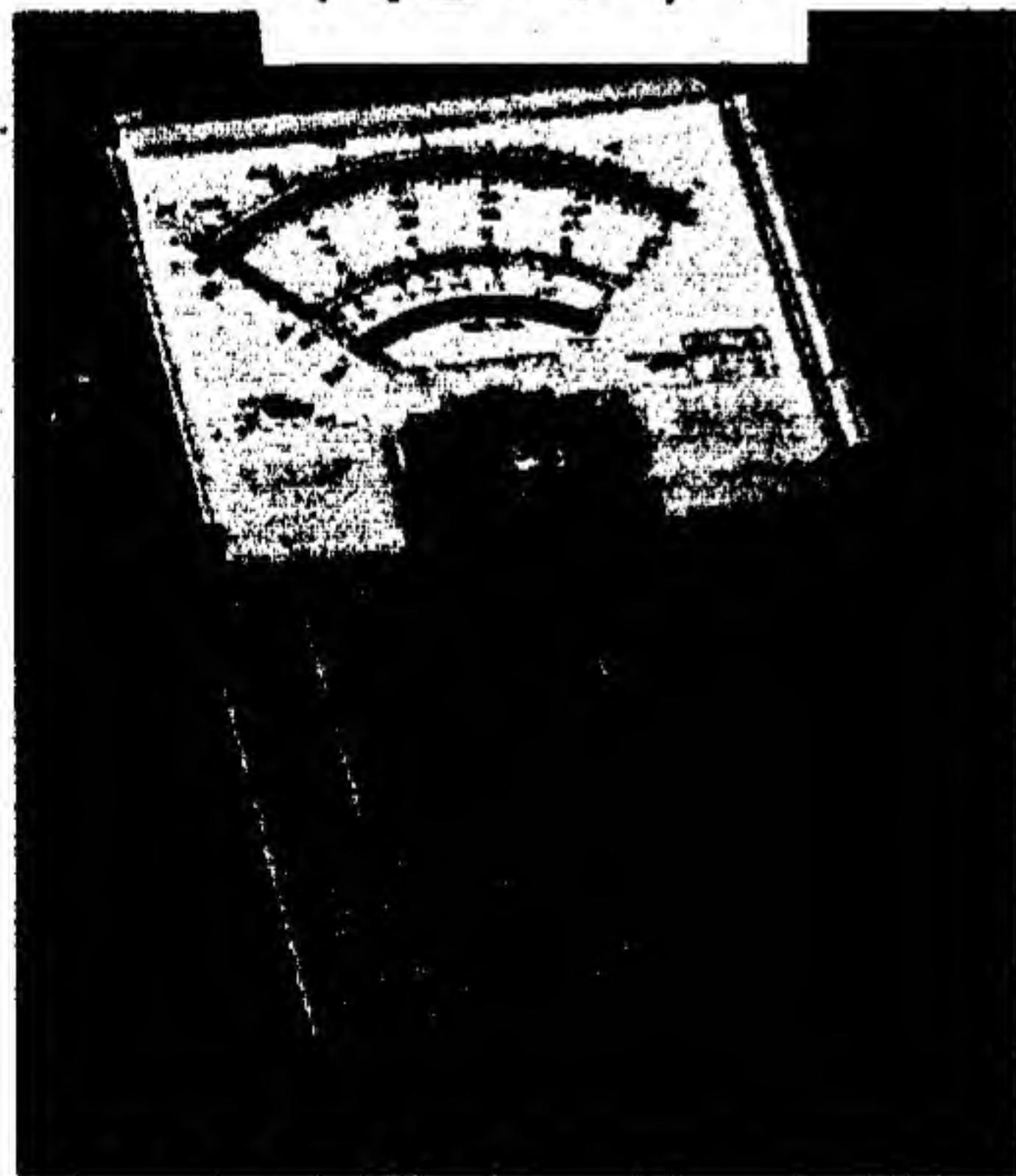
ONLY \$ 10.99



MINIATURE MULTITESTER

- Analog 2kΩ/V multimeter.
- 15 ranges AC + DC Volts, DC current & resistance.
- Diode protection.
- Ohms test.
- Miniature size.
- Mains operated.
- Continuity buzzer.
- Batteries included.

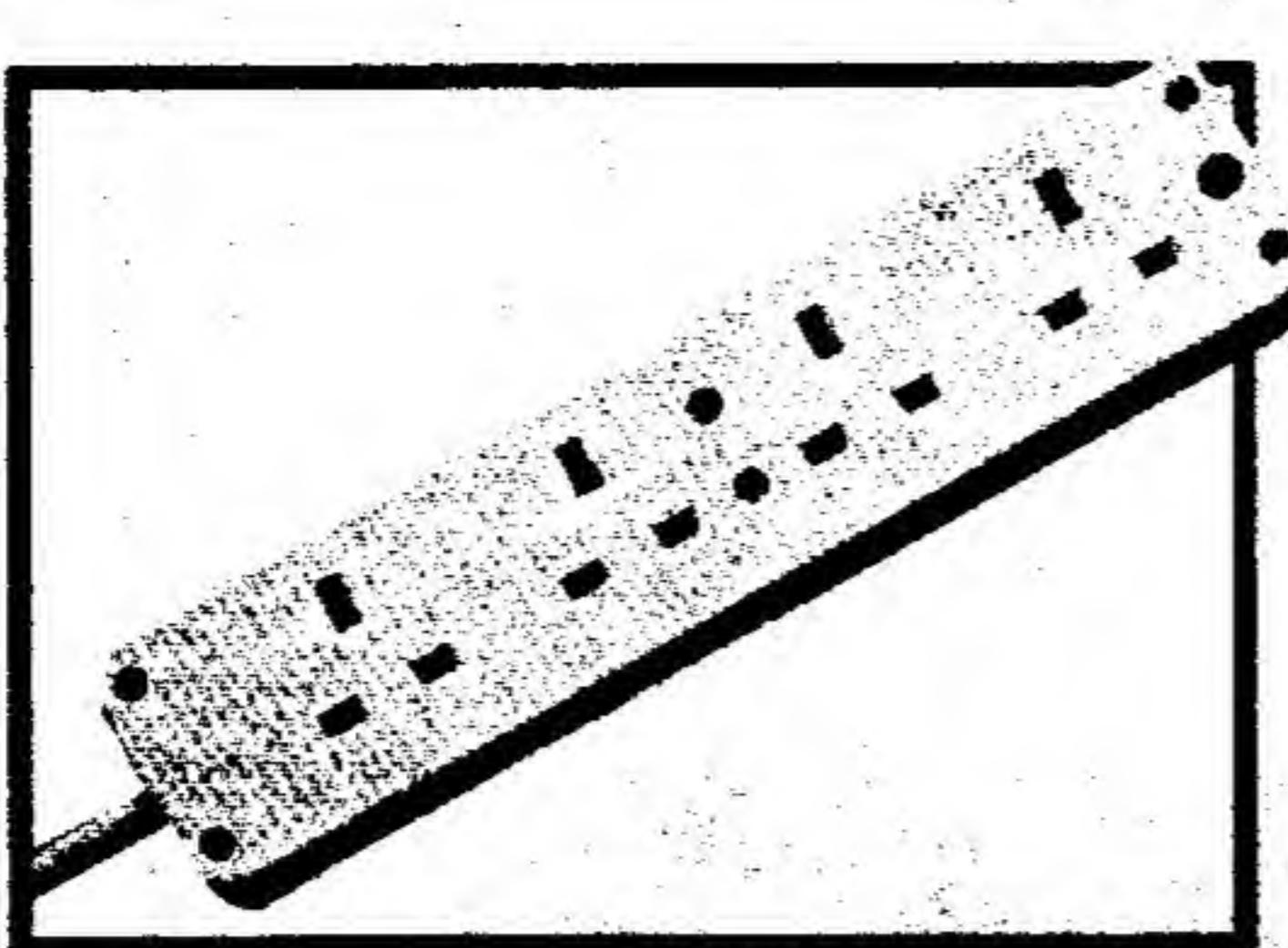
ONLY \$ 16.99



ANALOG MULTITESTER

- Miniature 20kΩ/V multimeter.
- 19 ranges AC + DC Volts, DC current, resistance & 10Adc.
- Continuity buzzer & battery tester.
- Fuse & diode protection.
- 3 colour mirrored scale.
- Leads with 4mm plugs.
- Batteries & instruction manual included.

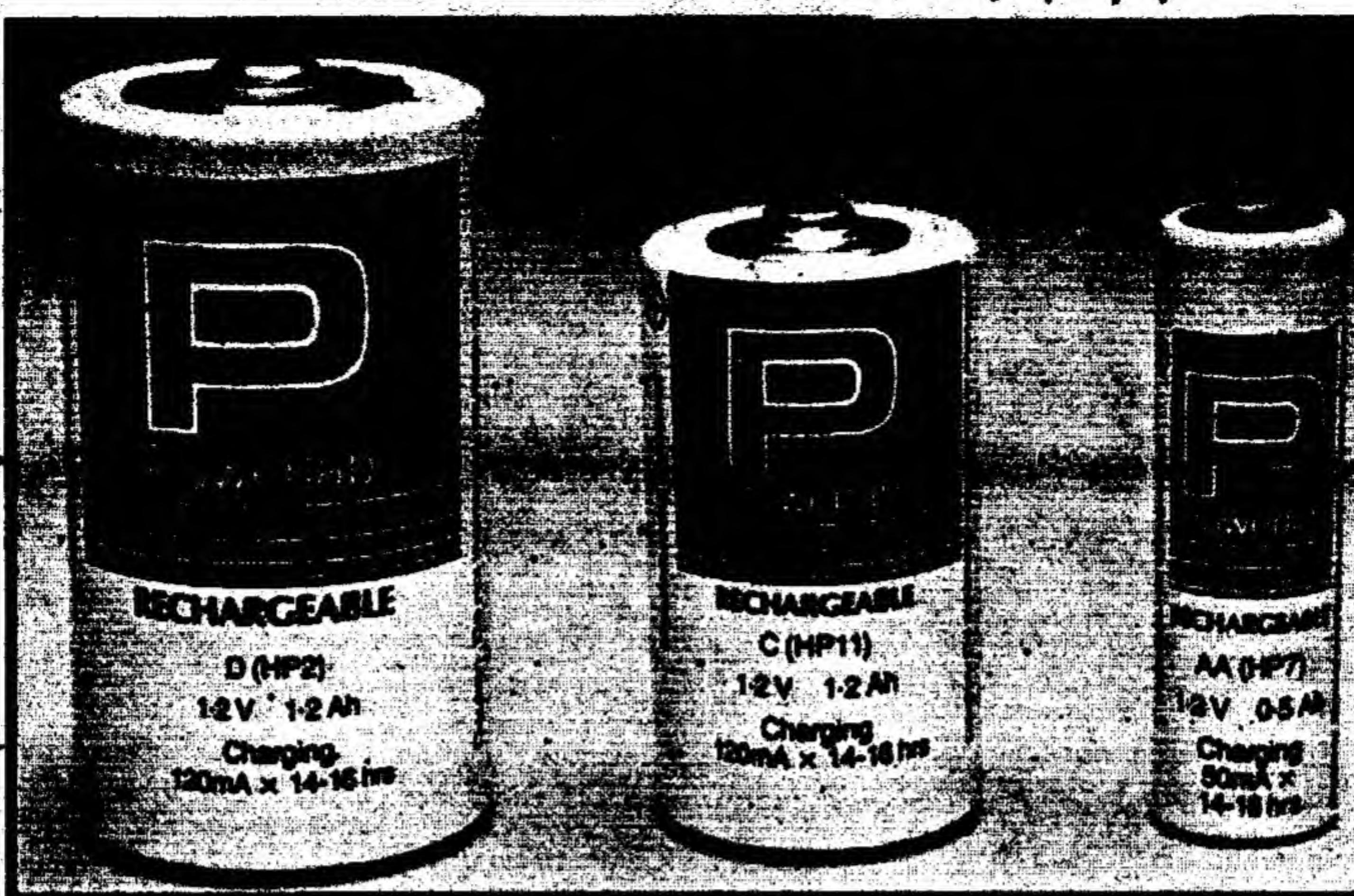
ONLY \$ 28.99



4 WAY EXTENSION SOCKET

- 3 yds approximately cable length.
- Plug has sleeved pins & 13amp fuse.
- LED power indicator.

ONLY \$ 14.99



RECHARGEABLE BATTERIES

- Heavy duty rechargeable Nickel/Cadmium batteries giving high charge/discharge characteristics.

Fig.	Cell Type	Volts	Charge Rate	PRICE
A	"D" HP2	1.25V 1200mAh	250mA	\$ 8.99
B	"C" HP11	1.25V 1200mAh	250mA	\$ 7.99
C	"AA"	1.25V 500mAh	50mA	\$ 6.99

FAST CHARGER

- Compact plug-in charger for up to 4 "AA"-type Nickel/Cadmium batteries.
- High charging current cuts the charging time down from 15 hours to approximately 3 hours.
- AUTO CUT-OFF switches charger off automatically when batteries are fully charged.
- Touch sensitive reset plate.
- Input Voltage 240Vac 50Hz.
- Charging current 150mA.
- Only 107x65x53mm.

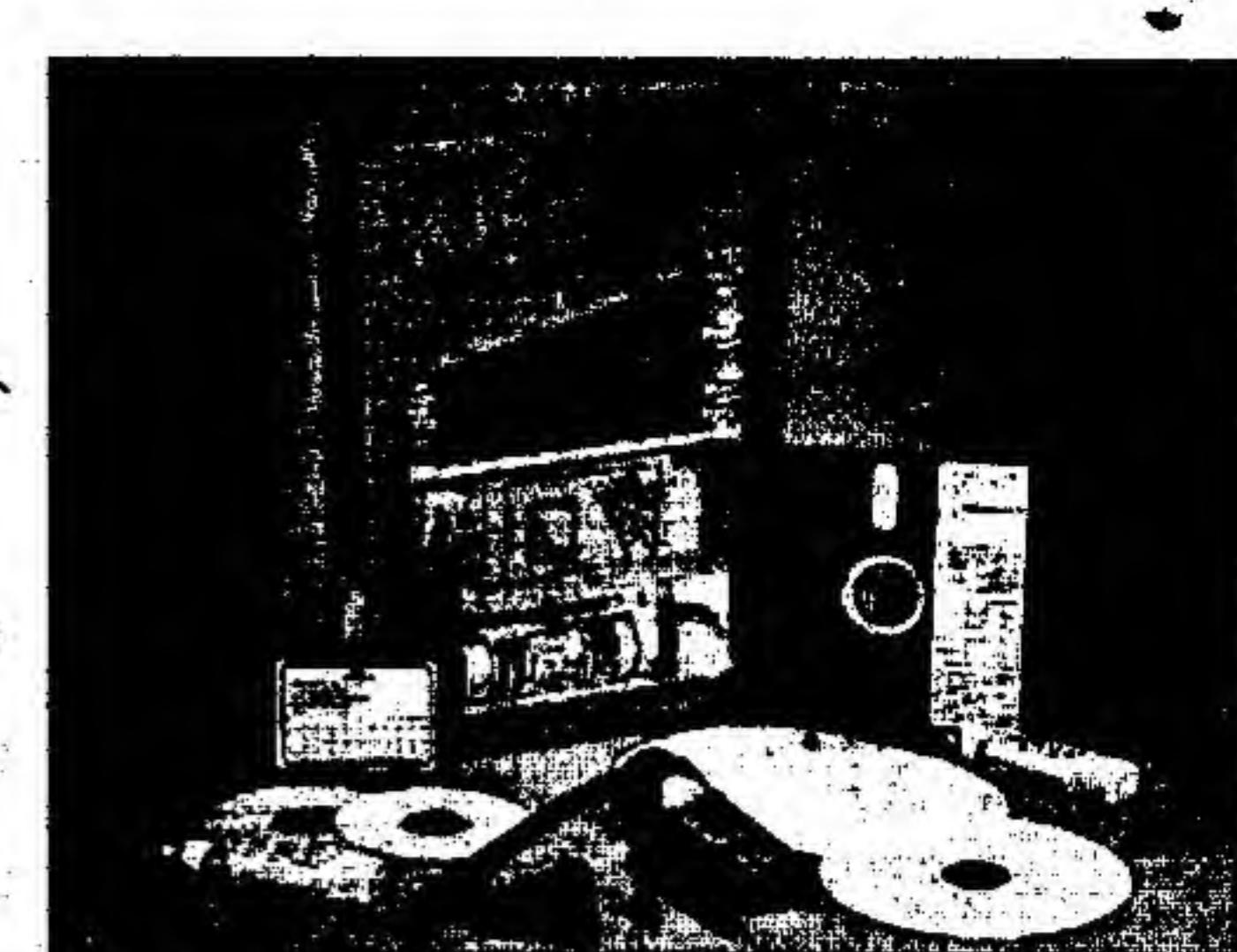
ONLY \$ 14.99



UNIVERSAL FAST CHARGER

- Universal NI-CAD battery fast charger.
- Cuts charging time to approximately 4hrs & switches off automatically when batteries are fully charged.
- Charge/test switch with filament lamp showing degree of charge.
- Charges PP3 (9V), AA (1.5V penlite), C (1.5V HP11) & D (1.5V HP2).

ONLY \$ 17.99



COMPUTER CARE

- Complete kit to care for your micro.
- Contains head cleaner, antistatic wipes, foam antistatic cleanser, cleaning buds, etc.
- Please state 3.5" or 5.25" drive.

ONLY \$ 26.99

DISK DRIVE CLEANING DISK

- Fluid type - very effective.
- 3.5" or 5.25" please state.

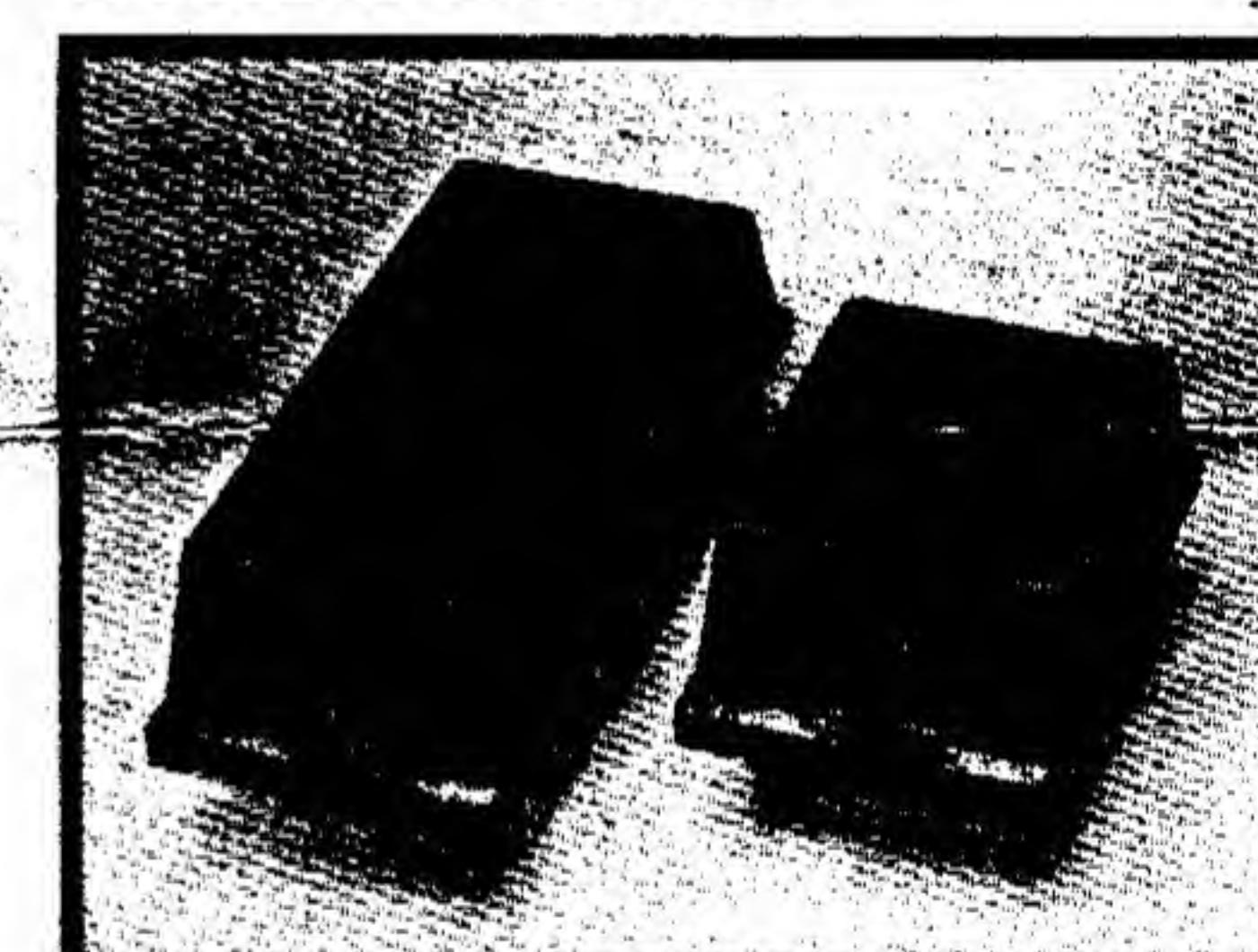
ONLY \$ 4.99

MINIVAC

- Battery operated micro-vac.
- Ideal for those tricky cleaning jobs - keyboards etc.
- Suitable for cameras etc. also.

ONLY \$ 16.99

THE ABOVE ITEMS ARE
ONLY SOLD WITH
OTHER GOODS



DISKS & STORAGE BOXES For 5.25"

See accessories
on customer
p. 16-18.
P. 16-18
for prices
& sizes

PRINTER LEADS

- Centronics Lead.
- 25 Way 'D' to 36 Way Centronics Plug.
- Top quality. 1.75 metre length.

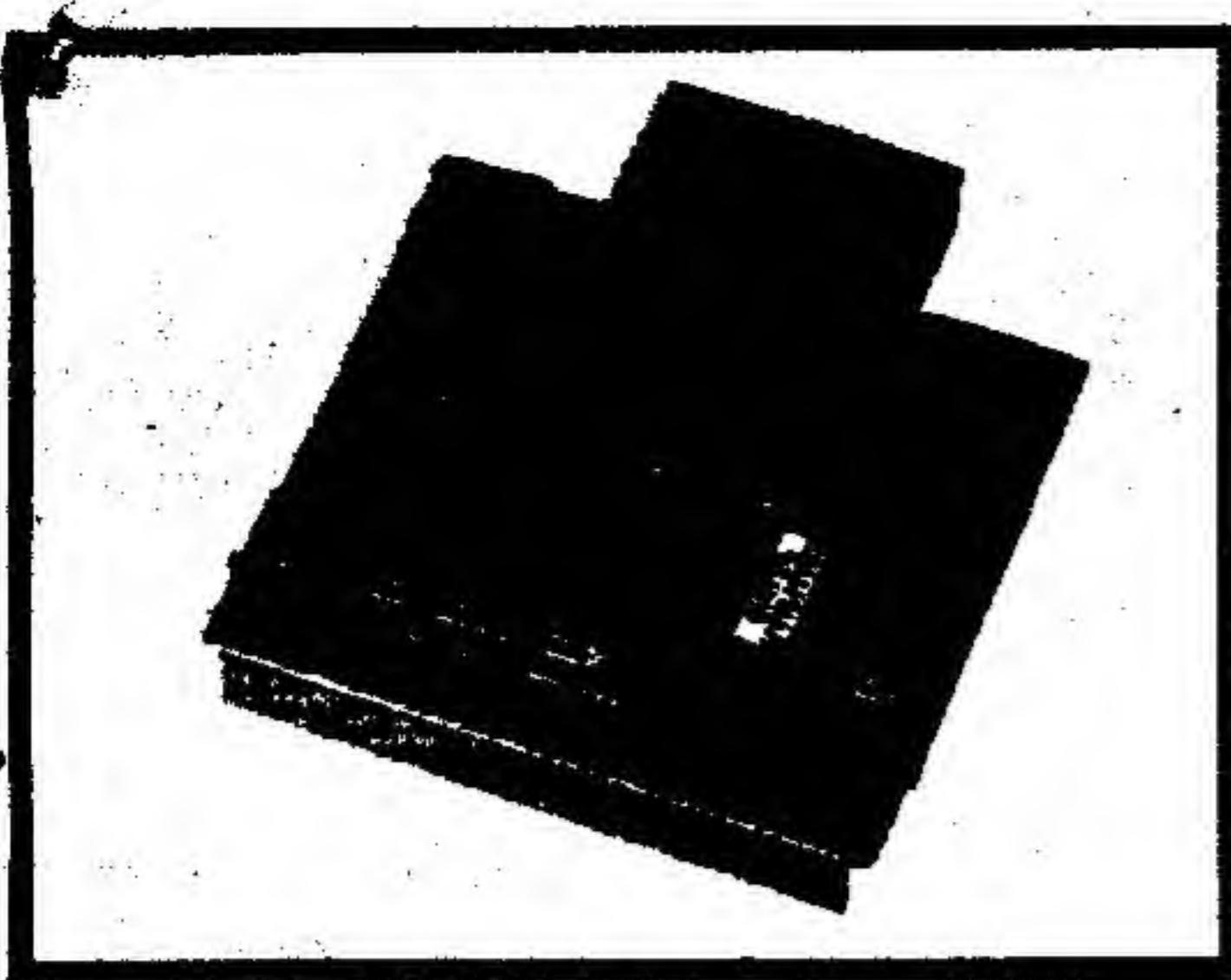
ONLY \$ 14.99

- Serial Lead.
- 25 Way 'D' (F) to 25 Way 'D' (M).
- Top quality. 1.75 metre length.

ONLY \$ 14.99

- 25 Way (M) to 25 Way (M).
- To interconnect with Printer Switch Boxes etc. 1.75 metre length.

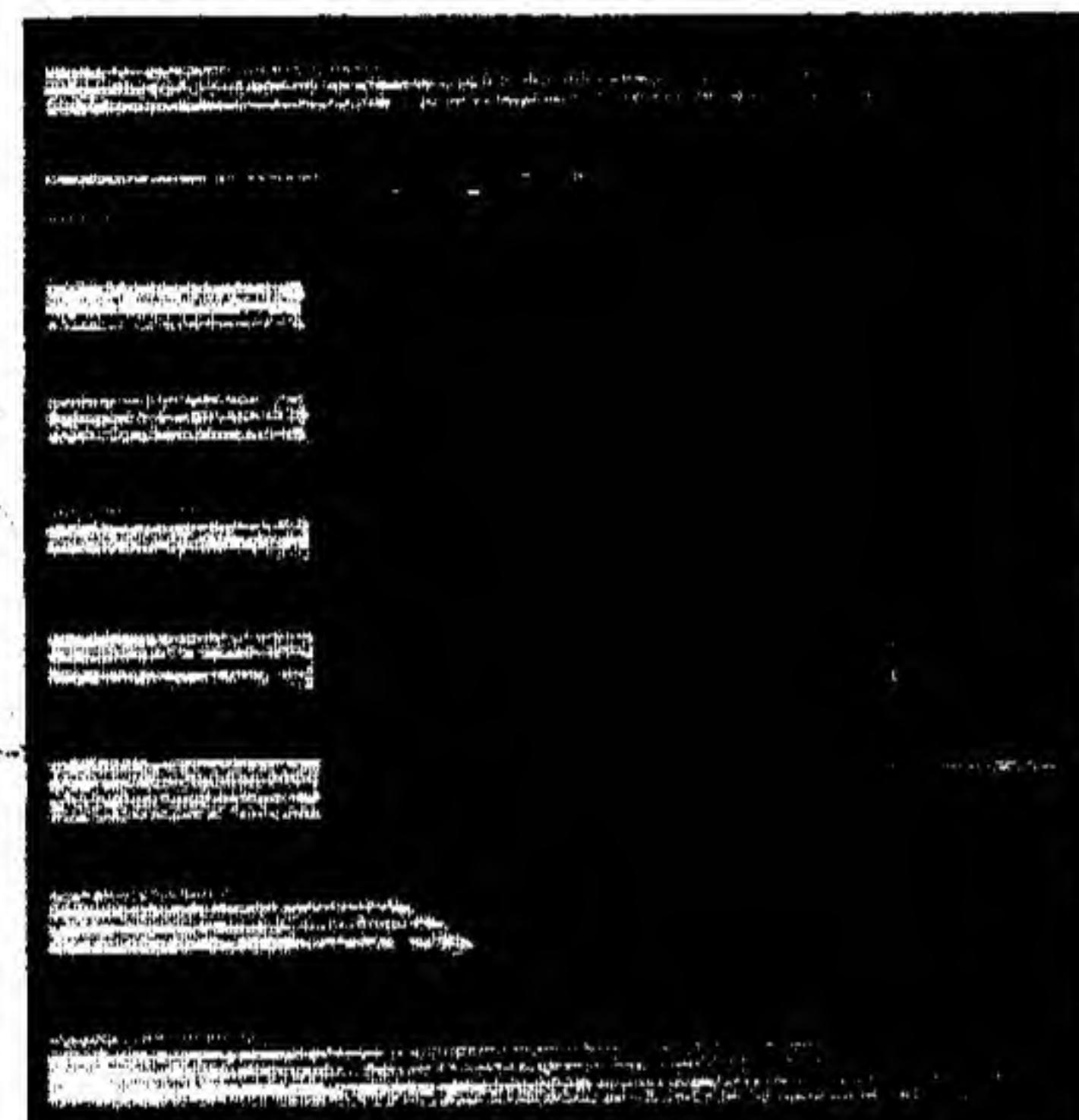
ONLY \$ 14.99



256K SUPERROM EXPANDER

- Select instantly from 8 sockets which accept up to 32K EPROM each.
- Program your own EPROMs using our EPROM programmer.
- No need to have lots of cartridges - just make a selection from the Superrom menu.
- Fully menu driven on power up.
- Select any slot under software controls.
- Unique EPROM generator feature will take your own programs - basic or m/c & turn them into autostart EPROMs. (EPROM burner required).
- Accepts 2764/27128/27256 EPROMs.
- On board unstoppable reset.
- On board operating systems - no programs to load.

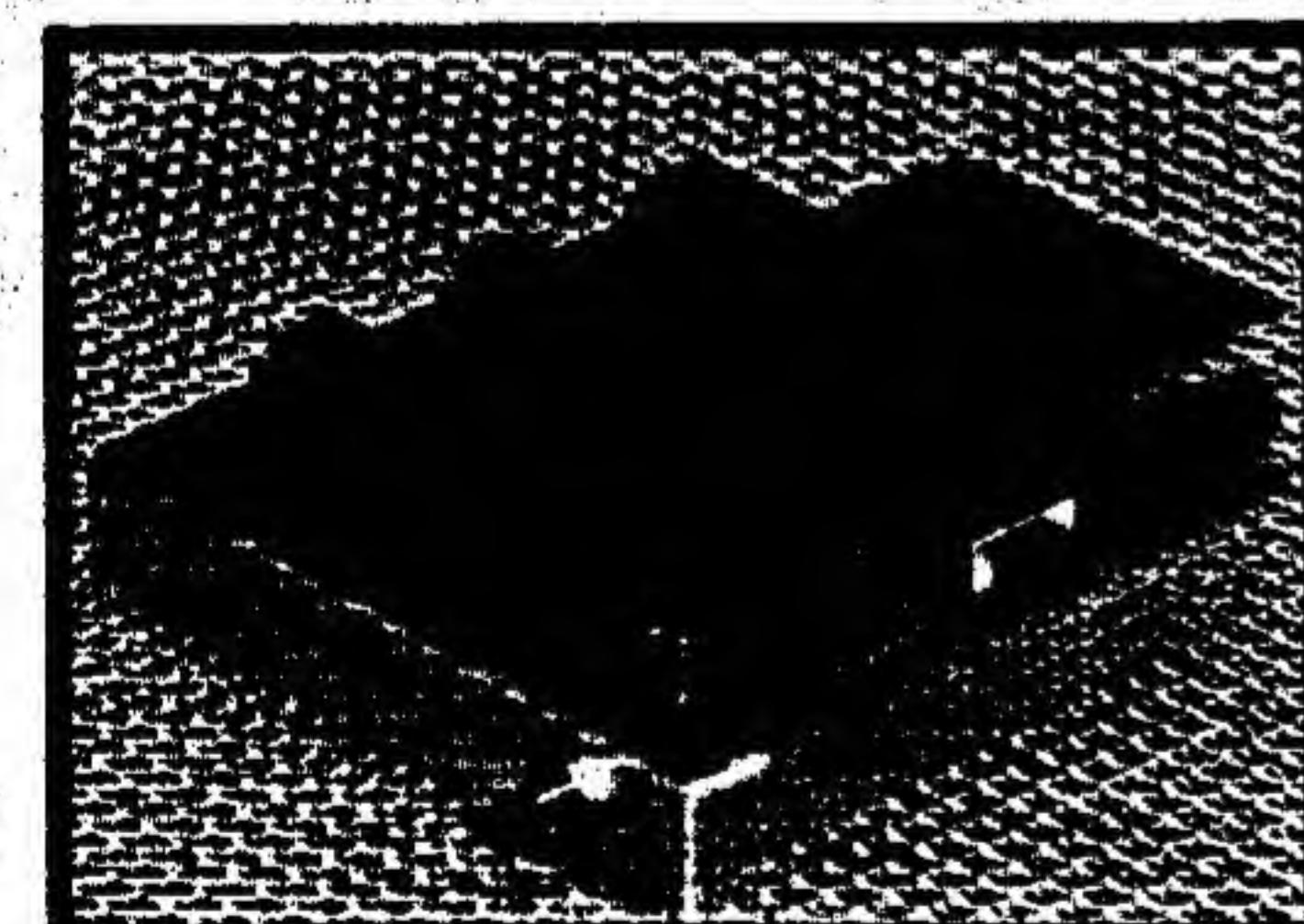
ONLY £29.99



RESET CARTRIDGE

- Unstoppable reset button. NOTE:- user port cheaper type reset buttons offered by others are not unstoppable.
- Resets even so called "unstoppable" programs.
- Add points from magazines etc.
- Fits in cartridge port.
- Simply plug in.

ONLY £5.99



3 SLOT MOTHERBOARD

SAVE WEAR & TEAR ON YOUR EXPANSION PORT

- Accepts 3 cartridges.
- Switch in/out any slot.
- Onboard safety fuse.
- Fully buffered.
- High grade PCB.
- Reset button.

ONLY £16.99

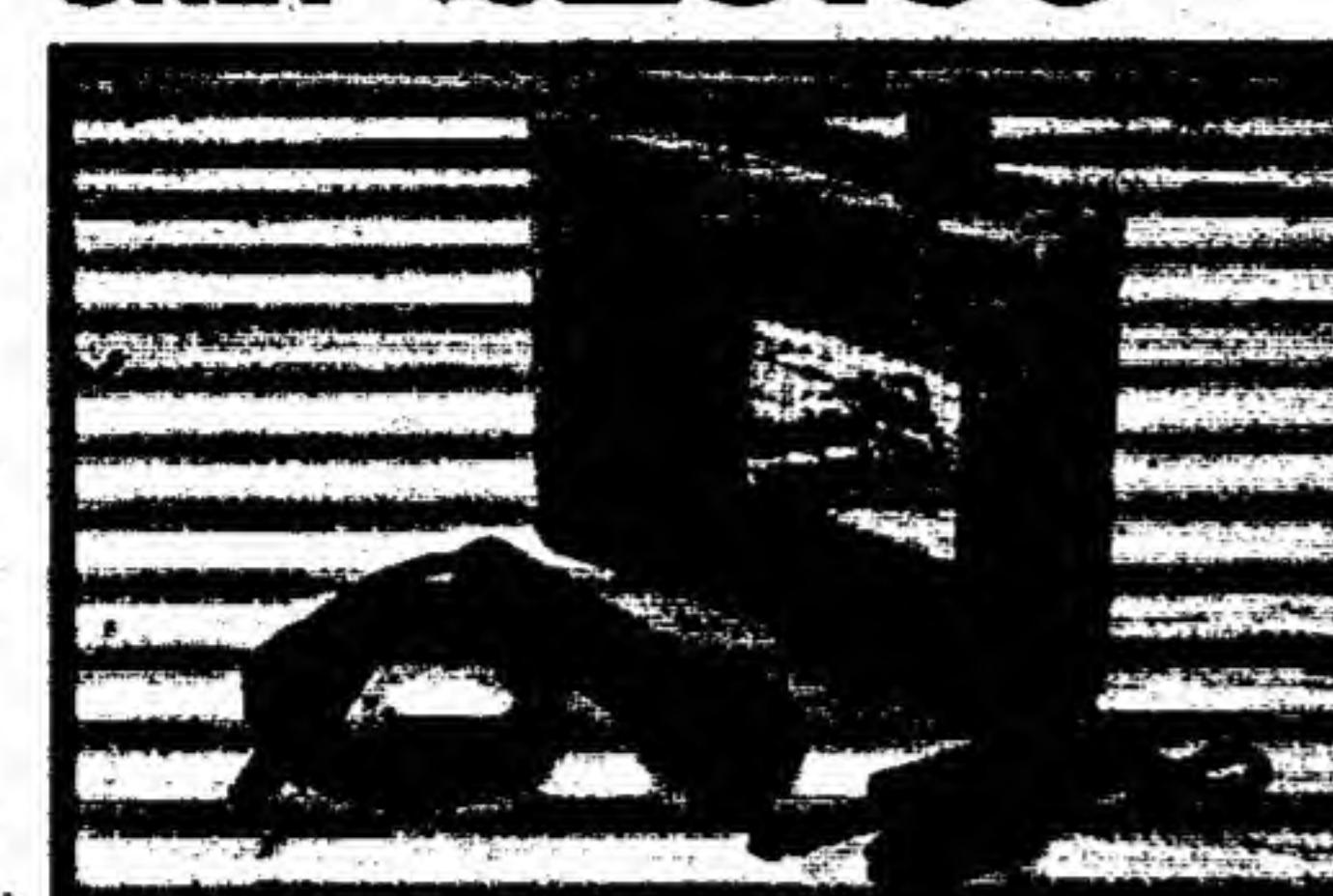


MIDI 64

FULL MIDI INTERFACE FOR THE 64/128 AT A REALISTIC PRICE.

- MIDI in/MIDI thru/2 x MIDI out.
- Compatible with most leading software packages.

ONLY £29.99



DIGITAL SOUND SAMPLER

- The new sampler allows you to record any sound digitally into memory & then replay it with astounding effects.
- Playback forwards/backwards with echo/reverb/ring modulation.
- Now with full sound editing module to produce outstanding effects.
- Full 8 bit D to A & ADC conversion.
- MIDI compatible with suitable interface. (i.e. Data I unit for £29.99, see ad.).
- Live effects menu includes real time display of waveforms.
- Line in/mic in/line out/feedback controls.
- Powerful sequencer with editing features.
- Load/save sample.
- Up to 8 samples in memory at one time.
- Tape or disk (please state).
- Complete software/hardware package.

ONLY £49.99

COM-DRUM

DIGITAL DRUM SYSTEM

- Now you can turn your digital sound sampler into a digital drum system.
- 8 digital drum sounds in memory at one time.
- Complete with 3 drum kits.
- Real drum sounds - not synthesised.
- Create superb drum rhythms with real & step time.
- Full editing. Menu driven.
- Output to hi-fi or through TV speaker.
- Load/save facilities.

ONLY £9.99

STATE TAPE OR DISK

COM-DRUM EDITOR

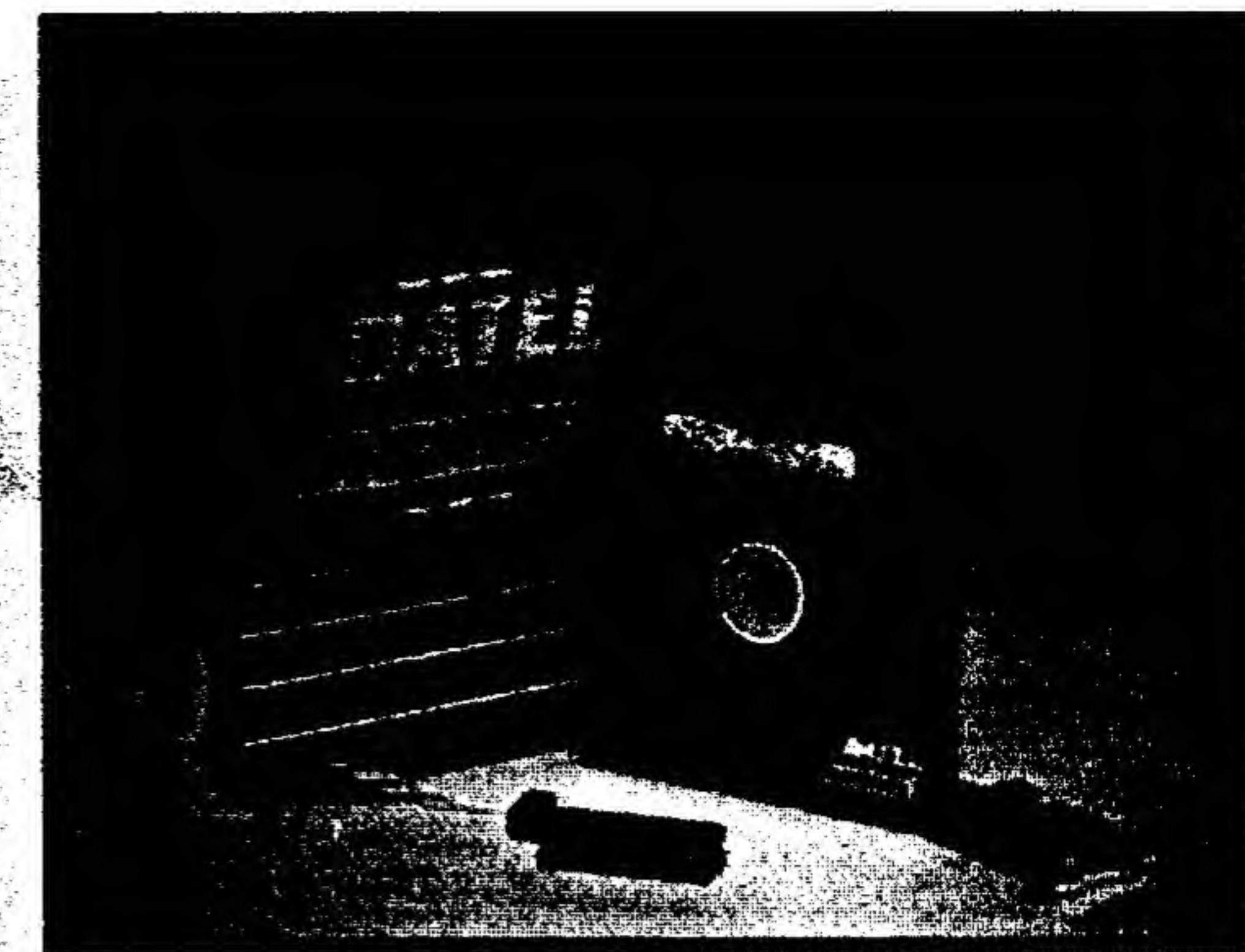
- 24 drum sounds supplied on disk to enable you to construct your own drum kit.
- Re-arrange sounds supplied with a Com-Drum to make new kits.
- Load/save facilities.

ONLY £4.99 DISK ONLY

DATA RECORDER

- Quality Commodore compatible data recorder.
- Pulse control, counter, etc.
- Suitable for 64/128
- Send now for quick delivery.

ONLY £24.99

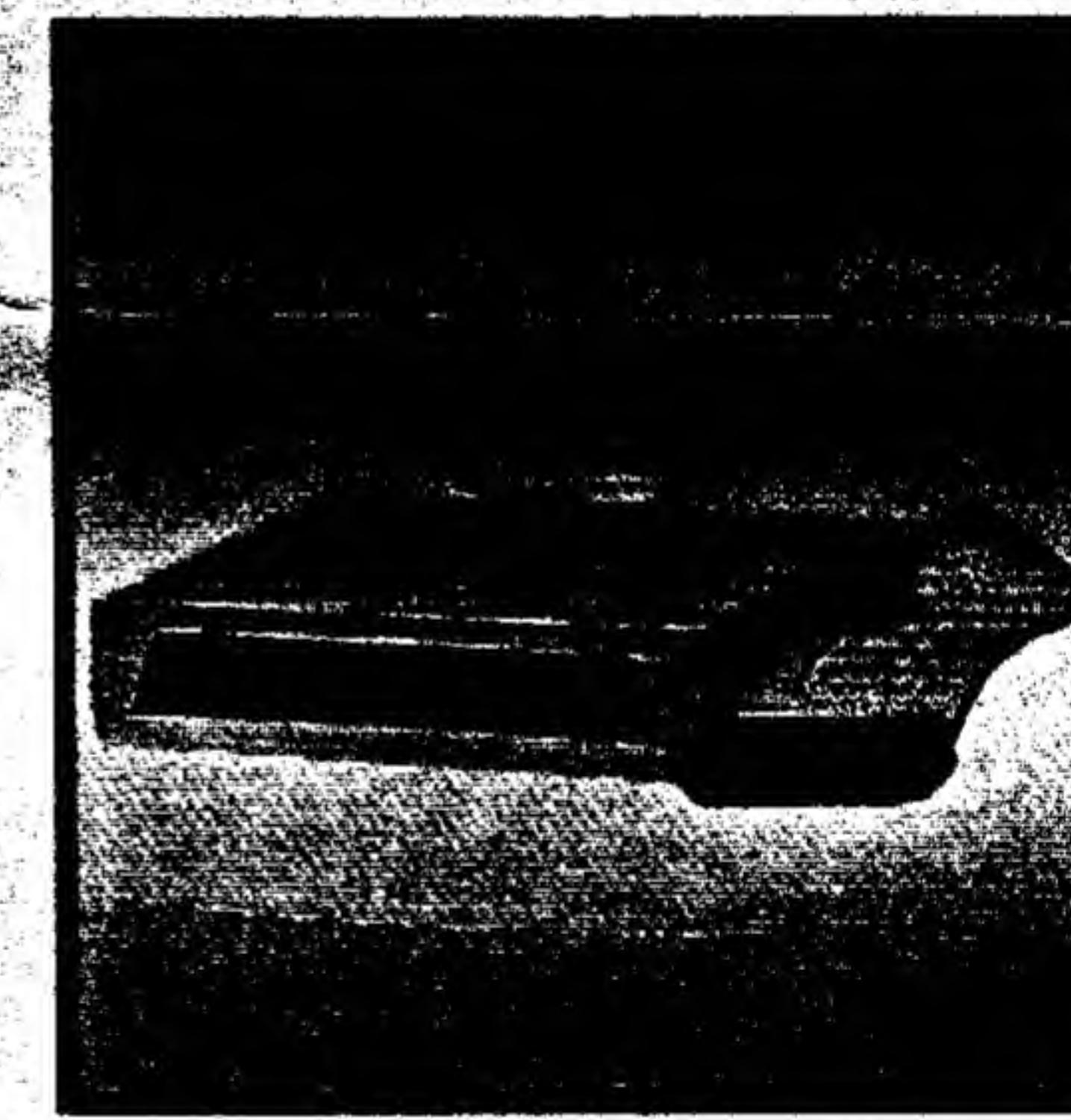


DEEP SCAN BURST NIBBLER™

- The most powerful disk nibbler available anywhere, at any price! Burst Nibbler is actually a two part system - a software package & a parallel cable to connect the 1541/1570/1571 to 64/128 (state type).
- What gives Burst Nibbler its power? Conventional nibblers have to decode the data from the disk before they can transfer it using the serial bus - when non standard data is encountered they are lost. Burst Nibbler transfers data as raw GCR code via the parallel cable without the need to decode it so you get a perfect copy of the original.
- Will nibble up to 41 tracks
- Copy a whole disk in under 2 minutes • Full instructions

**ONLY £24.99 COMPLETE
SOFTWARE £12.99
ONLY**

**CABLE
ONLY £14.99**

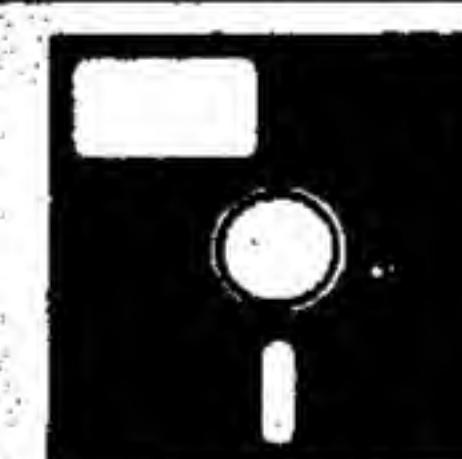


ROBOTEK 64

MODEL & ROBOT CONTROL MADE EASY.

- 4 output channels - each with onboard relay.
- 8 input channels - each fully buffered TTL level sensing.
- Analogue input with full 8 bit conversion.
- Voice input for voice control.
- Software features:- test mode/analogue measurement/voice activate/digital readout etc.

ONLY £39.99
INCLUDING HARDWARE/SOFTWARE/MIC. ETC.,(STATE TAPE OR DISK).



TOOLKIT IV

THE ULTIMATE DISK TOOLKIT FOR THE 1540/1541.

- A disk toolkit is an absolute must for the serious disk hacker. Toolkit IV has more features than most for less.
- DISK DOCTOR V2 - Read & write any track & sector including extra & renumbered tracks. Repair damaged sectors. Look underneath read errors.
- HEADER/GAP EDITOR - Decodes & displays ALL header information including off bytes & header gap. Rewrite the entire header & header gap. Re-number sectors. Also edit any sector tail gap.
- DISK LOOK - Sort directory. Recover lost files. Display file start /end addresses. Disassemble any file program directly from the disk to SCREEN or PRINTER including undocumented opcodes. Edit RAM.
- FILE COMPACTOR - Can compact machine programs by up to 50%. Save disk space. Compacted programs run as normal.
- ERROR EDIT - Quickly find & recreate all read errors including extra & renumbered tracks or sectors & half tracks from 0 to 41. Even recreates data under errors & allows you to redefine any necessary parameters.

ONLY £9.99



NEW CLONEMASTER

- The most effective tape to tape back-up board available.
- Makes perfect backups of your tapes easily & effectively!
- No user knowledge needed at all.
- On board TTL logic circuitry actually shapes the program & sends a perfect signal to the record cassette - producing a copy better than the original in many cases.
- L.E.D. indicator shows when data is being transferred to avoid excessive tape winding.
- Works with almost any program including multi-leaders, turbos & even very unusual type turbos.
- Requires access to two C64 compatible data recorders.
- Simply press 'Play' on one recorder & press 'Record' on the other - that's it!
- You can even make a backup while you are loading the program.
- This is a total hardware solution - no programs to load - the results are stunning!

ONLY £9.99

TURBO ROM II

TURBO ROM II IS A
REPLACEMENT FOR THE
ACTUAL KERNEL INSIDE
YOUR 64. IT PROVIDES
SUPERFAST LOAD/SAVE
ROUTINES.

- Loads most programs at 5-6 times normal speed.
- Saves at 5-6 times normal speed as well.
- Improved DOS support including 10 sec. format.
- Programmed function keys:- load, directory, old, etc.
- Return to normal kernel at a flick of a switch.
- FCOPY-250 block file copier.
- FLOAD-special I/O loader.
- Plus lots more...
- Fitted in minutes - no soldering usually required. (On some 64's the old ROM may have to be desoldered).

ONLY £14.99

SMART CART

- 32K pseudo ROM.
- Lithium battery lasts up to 5 years.
- Simply load the program you require - then flick the switch. The cartridge can then be removed just like a ROM cartridge.
- Make your own cartridges including autostart types - without EPROM burner. 32K version = 4 x 8K pages.
- Some knowledge of M/C is helpful - but full instructions included.
- I/O 2 slot open for special programming techniques.

ONLY £29.99

RAM DISK

- Turn your Smart Cart into a 32K Ram/disk.
- 32K of instant storage area for files/programs.
- Disk type commands:- load, save, directory, scratch.
- Program data retained when computer is switched off!
- Full command set with instructions.

ONLY £9.99

ROBOTARM

- Explore the fascinating science of Robotics with this full feature RobotArm.
- Move like a centaur - with 5 axis of movement it is so versatile. It can manipulate small objects with amazing ability.
- Comes with Accessories including 'Finger' Jaws, Magnetic Attachment, Shovel Scoop, 4 Stabilizing Suction Legs, etc.

ONLY £39.99

COMPLETE

- Easily controlled using 2 joysticks (any 9 pin type) or connected to your computer with our Interface/Software to give Computer/Robotic control (see Interface Offer).
- Uses 4 AA batteries (not supplied)
- Self contained, ready to use (except batteries, joysticks).

ONLY £49.99

INTERFACE OFFER

- Unique Software/Hardware package to allow you to interface your computer with the Robotarm.
- Train mode allows you to store & then repeat movement sequences.

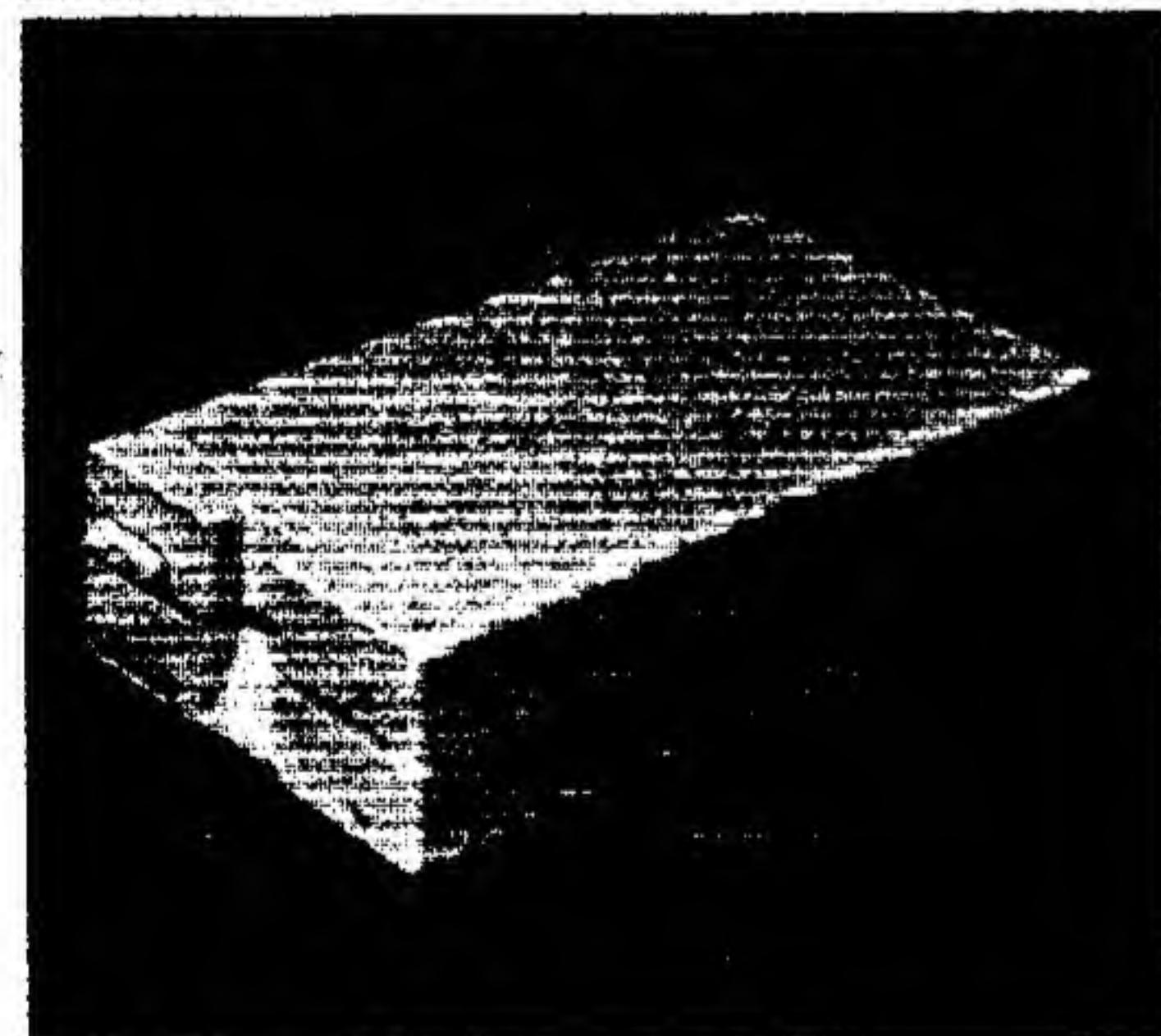
Very easy to use.

This interface isn't needed to use the Robotarm but interfacing with your computer has great possibilities.

ONLY £24.99

COMPLETE WITH CABLES

BLUE CHIP DRIVE



- External power supply for cool operation.
- Even works in 1571 double sided mode (128 mode).
- Fully C64/128 compatible.
- This drive is now probably the most compatible drive available for the Commodore. More so than even Commodores own '1541C'.
- Supplied complete with all cables - no more to buy.
- At last, a top quality drive at a sensible price.

ONLY £129.99

ADD £5.00 FOR COURIER DELIVERY

ULTRA CRUNCHER

- The ultimate cartridge based program compactor.
- Compacts by up to 30%!
- 3 compacting programs on one cartridge.
- Fast loading/saving routines.
- Full DOS support including fast format.

ONLY £12.99

on cartridge

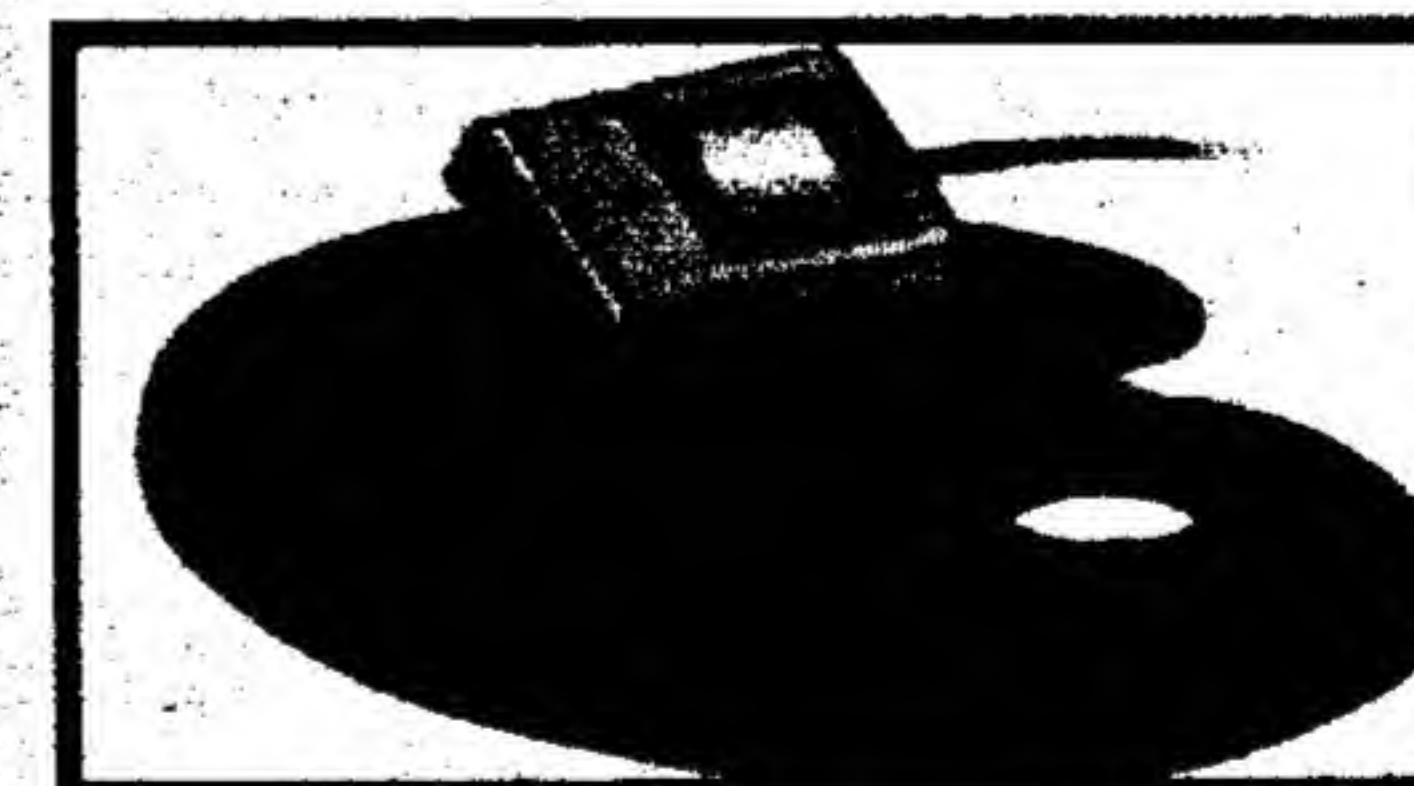
Available as chip only for 256K Superom Board for

ONLY £7.99

FAST HACK'EM™

- Multi Module Disk Nibbler - all on one disk.
- Single 1541 Nibbler - Copy a disk in 2 minutes.
- Super fast File Copy - under 9 seconds typically.
- Plus unique "Parameters" mode. These files "unlock" the more heavily protected programs with a parameter for a particular brand or even single program.
- No other product is such a good "All Rounder" at this price...

ONLY £9.99



BLAZING PADDLES

A COMPLETE LIGHTPEN/GRAFICS
ILLUSTRATOR PACKAGE.

- A fully Icon driven graphics package of a calibre which should cost much, much more.
- Complete with a fibre optical lightpen system for pin point accuracy.
- Pictures can be saved from 'Action Replay' & edited with Blazing Paddles.
- Blazing Paddles will also work with many other input devices including:- Joysticks, Mice, Graphics Tablets, Trackball, etc.
- Multi feature software including:- Range of brushes • Airbrush

- Rectangle • Circle
- Rubberbanding • Lines
- Freehand • Zoom mode
- Printer dump • Load/save
- Advanced colour mixing - over 200 hues! • Cut & paste allows shapes/windows/pictures to be saved to/from tape/disk.

COMPLETE BLAZING PADDLES &
LIGHTPEN

ONLY £24.99

£1299 BLAZING PADDLES
SOFTWARE ONLY

AMERICAN PRICE LIST

DEAR CUSTOMERS,

Our selection of Amiga, Atari ST, Commodore 64/128, Amstrad/IBM, and computer accessories is now available.

When looking through our catalog, please disregard the pricing since it is in English pounds. Correct U.S. prices appear on this sheet and are listed by page number. Please call us for information as to availability of the product. Our hours are Mon-Sat 8am-6pm PST. Prices are subject to change due to fluctuations of the dollar.

Orders by Visa, Mastercard, C.O.D., FAX, and personal checks, payable to DATEL COMPUTERS. Order hotline number 1-800-762-9110. FAX number (702)-454-7700. When ordering, please state computer type and disk drive. When ordering by credit card, please note the expiration date of your card.

Technical inquiries answered through our customer service line (702) 454-7700, Tuesday thru Saturday 10am-6pm PST. Please note that our company is not involved in the competition offered on the inside of the cover page.

N/A NOT AVAILABLE

DATEL COMPUTERS
3430 E. TROPICANA AVE
LAS VEGAS, NV 89121
PHONE (702) 734-9100

ATARI ST-see page 8-9

*ST SUPER TOOLKIT II.....	24.99
*EPROM BOARD.....	24.99
*1 MEG RAM UPGRADE KI.....	N/A
*1 MEG INTERNAL DRIVE UPGRADE.....	129.99
*CONNECTORS/CABLES	
13 PIN VIDEO LEAD.....	17.99
14 PIN DISK DRIVE LEAD.....	23.99
14 PIN DISK DRIVE SOCKET.....	10.99
*ST COPY-DEEP SCAN NIBBLER.....	49.99
*EXTERNAL 3.5" DISK DRIVE.....	179.99
*REPLACEMENT MOUSE.....	44.99
*MOUSE MAT W/ FREE HOLDER.....	14.99
*VIDEO DIGITISER.....	139.99
*ST PRO SAMPLE STUDIO.....	109.99
*ST TIMEKEEPER.....	49.99
*TRACKMASTER.....	59.99
*GENISCAN GS4000 ST.....	324.99

HOT LINE 1-800-782-9110
Mon-Sat 8:00am - 5:30pm PST

AMSTRAD/IBM-see page 13-15

*EXTERNAL 3.5" 1 MEG DRIVE.....	197.99
*3.5" INTERNAL DRIVE FOR IBM/CLONES.	161.99
*3.5" SECOND DRIVE FOR PPC'S.....	143.99
*2 MEG EMS EXPANSION CARD.....	179.99
*384K MULTI-FUNCTION CARD.....	143.99
*MULTI I/O CARD.....	125.99
*REPLACEMENT MOUSE 1512/1640.....	53.99
*LINKMASTER.....	32.99
*MOUSE MAT.....	14.99
*GAMEMASTER JOYSTICK/INTERFACE.....	62.99
EXTRA JOYSTICK.....	32.99
*PRINTER STAND.....	19.99
*MEMORY UPGRADE FOR AMSTRAD 1512.....	N/A
*3.5" 1 MEG INTERNAL 2ND DRIVE FOR..	161.99
AMSTRAD 1512/1640 SD	
*EPROM PROGRAMMER.....	197.99
*4 GANG UNIT.....	251.99
*PC XT/AT STAND.....	34.99
*COPY II PC.....	44.99
*COPY II OPTION BOARD DELUXE.....	143.99
*GENIUS TABLET.....	539.99
*LOW COST BAR CODE READERS(MOD 420)	341.99
*LOW COST BAR CODE READERS(MOD 410)	323.99
*LOGIC ANALYZER.....	810.99
*GM6 + GRAPHICS SYSTEM.....	89.99
*GM 6000.....	107.99
*GM -U2.....	107.99
*GS-4000 HANDY SCANNER.....	305.99

AMIGA PRODUCTS-see page 6-7

*AMIGA PRO SAMPLER STUDIO +	119.99
DATEL JAMMER	
*MIDIMASTER.....	59.99
*MIDI CABLES.....	PAIR/12.99
*MIDI MUSIC MANAGER.....	59.99
*EXTERNAL DRIVE SWITCH.....	N/A
*ROBOTARM W/INTERFACE/SOFTWARE.....	129.99
*EXTERNAL 3.5" DISC DRIVE	
(single drive)...169.99	
(dual drive)...299.99	
*512K RAM EXTENSION CARD(w/o clock)..	39.99
(NO MEMORY) (w clock)...69.99	
(POPULATED) (w clock)...199.99	
*LOGIC ANALYZER.....	179.99
*AMIGA DEEP SCAN BURST NIBBLE.....	49.99
*REPLACEMENT MOUSE.....	44.99
*SPLITTER LEAD.....	8.99
*DATA ACQUISITION UNIT.....	179.99
*GENISCAN GS4000 ST.....	324.99
*DATA SWITCH BOXES	
A/B TYPE.....34.99	
ABC TYPE.....49.99	

COMMODORE 64/128-see page 10-12

*256K SUPEROM EXPANDER.....	49.99
*RESET CARTRIDGE.....	N/A
*3 SLOT MOTHERBOARD.....	29.99
*MIDI 64.....	49.99
*DIGITAL SOUND SAMPLER.....	89.99
*COM-DRUM SOFTWARE.....	17.99
*COM-DRUM EDITOR.....	9.99
*DATA RECORDER.....	N/A
*DEEP SCAN BURST NIBBLER(COMPLETE)...	39.99
*DEEP SCAN BURST NIBBLER(SOFTWARE)...	19.99
*DEEP SCAN BURST NIBBLER(CABLE).....	19.99
*ROBOTEK 64.....	69.99
*TOOLKIT IV.....	14.99
*ACTION REPLAY V.....	64.99
GRAPHIC SUPPORT UTILITIES DISK...19.99	
SUPERCRUNCHER.....9.99	
CENTRONIS PRINTER LEAD...18.99	
UPDATE CHIP.....16.99	
*NEW CLONEMASTER.....	N/A
*TURBOROM II.....	24.99
*BLUE CHIP DRIVE.....	N/A
*ULTRACRUNCHER.....	24.99
AS CHIP FOR 256K SUPEROM BOARD...14.99	
*FAST HACK'EM.....	N/A
*SMARTCART.....	59.99
*RAM DISK.....	14.99
*ROBOTARM W/INTERFACE.....	124.99
*EMPROMMER 64.....	69.99
*EPROM ERASER(AC ONLY W/AC ADAPTOR)...	39.99
(AC/DC W/TIMER INCL. BATTERIES)....49.99	
(AC ADAPTOR FOR AC/DC UNIT)....7.50	
*BLAZING PADDLES/oz SOFTWARE ONLY.....	N/A
*NIBBLER PARAMETER DISK.....	14.99

ACCESSORIES-see page 16-18

*6-WAY EXTENSION SOCKET(FOR U.S).....	14.99
*DISKETTES	5.25 PER 50....43.99
	3.5..PER 50....88.99
*PRINTER LEADS-	
25 WAY TO 25 WAY CENTRONICS..14.99	
25 WAY(F) TO 25(M) WAY SERIAL..14.99	
25 WAY(M) TO 25(M) WAY.....14.99	
*DATA SWITCH BOXES	A/B TYPE.....34.99
	ABC TYPE.....49.99

MISCELLANEOUS NOT INCLUDED:

*EPROM ERASER(AC ONLY W/AC ADAPTOR)...	39.99
(AC/DC W/ TIMER INCL BATTERIES)....49.99	
(AC ADAPTOR FOR AC/DC UNIT).....7.50	
*DISK & STORAGE BOXES(5.25/HOLDS 70)...	6.99
(NO LOCK ON EITHER) (3.5/HOLDS 40)....6.99	
*DISK DRIVE CLEANING KIT(3.5").....	4.99
(5.25").....3.99	
*FLOPPY DISK NOTCHER.....	3.99
*ADD \$ 4.00 SHIPPING/HANDLING IN THE CONTINENTAL U	
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